

## FDA-8000-12000-110-10

8~12GHz, 110dB, 10dB

### Features:

- \* Broadband
- \* High Dynamic Range

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

### Electrical

|                       |                                 |
|-----------------------|---------------------------------|
| Frequency:            | 8~12GHz                         |
| Insertion Loss:       | 8dB typ.                        |
| Attenuation Range:    | 0 ~ 110dB                       |
| Step:                 | 10dB                            |
| Control Bits:         | 4                               |
| Attenuation Accuracy: | 3~5% typ of attenuation setting |
| VSWR:                 | 1.5 typ.                        |
| Voltage:              | ±5V DC                          |
| Input Power:          | +20dBm max.                     |
| Impedance:            | 50Ω                             |
| Control:              | TTL High: On<br>TTL Low/NC: Off |

### Mechanical

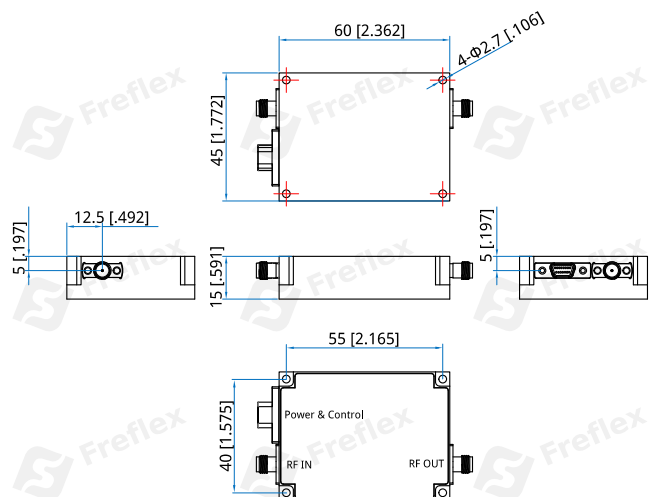
|                        |                                   |
|------------------------|-----------------------------------|
| Size <sup>*1</sup> :   | 60*45*15mm<br>2.362*1.772*0.591in |
| Weight:                | 400g max.                         |
| RF Connectors:         | SMA Female                        |
| Power Supply & Control | J30J-9ZK                          |
| Interface:             |                                   |
| Mounting:              | 4-Φ2.7mm through-hole             |

[1] Exclude connectors.

### Environmental

|                            |           |
|----------------------------|-----------|
| Operating Temperature:     | -20~+60°C |
| Non-operating Temperature: | -40~+85°C |

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**FDA-8000-12000-110-10**

Customization is available upon request.